

WHAT IS CLAIMED IS:

1. An electromagnetic shielding structure, comprising:
an elongated support member comprising a conductive wall extending from a base edge and having a flange, the flange of the support member being spaced from the base edge and oriented at an angle with respect to the wall portion, wherein the flange of the support member and the conductive wall form an elongated substantially J-shaped hook carried on the base edge;
a cover member comprising a conductive side wall substantially coextensive with the conductive wall of the support member and a panel extending laterally from the side wall, the cover member comprising a flange extending from the side wall, wherein the flange and the side wall of the cover member form a substantially J-shaped hook around the panel of the cover member;
wherein the J-shaped hooks of the support member and the cover member are located and sized to engage one another for mechanically and electrically attaching the cover member to the support member for completing at least part of an electromagnetic sealing barrier.
2. The electromagnetic sealing structure of claim 1, wherein the support member defines part of a perimeter wall of a sealing enclosure.
3. The electromagnetic sealing structure of claim 1, wherein the cover member defines a lid and the panel covers an opening in an sealing enclosure.
4. The electromagnetic sealing structure of claim 1, wherein the support member defines an elongated sheet structure having a base at the base edge, attached at an angle to the conductive wall, and the flange of the support member is connected at a fold with the conductive wall.
5. The electromagnetic sealing structure of claim 1, wherein the side wall of the cover member and the conductive wall of the support member overlap one another and define a space between said side wall and said conductive wall, wherein the

flanges of the support member and the cover member reside in the space and mutually engage one another for holding the cover member on the support member.

6. The electromagnetic sealing structure of claim 5, wherein one of the side wall of the cover member and the conductive wall of the support member has an opening dimensioned to receive a tool whereby one of the flanges of said cover member and said support member can be pushed laterally sufficiently to disengage the other of the flanges, for disassembling the sealing structure.

7. The electromagnetic sealing structure of claim 1, wherein the flanges of the cover member and the support member are placed to bear against one another during assembly of the sealing structure by pressing the cover member against the support member, and wherein at least one of said flanges is resiliently attached so as to become displaced laterally and snap around the other of said flanges during said assembly.

8. The electromagnetic sealing structure of claim 7, further comprising at least one weakened zone between one of the flanges and a respective one of the base edge and the panel, and wherein lateral displacement of said at least one of said flanges includes flexing of the weakened zone.

9. The electromagnetic sealing structure of claim 1, wherein at least one of the flanges comprises a J-shaped hook that comprises a plurality of discontinuous sections that individually engage with the other of the flanges.

10. The electromagnetic sealing structure of claim 1, wherein the cover member and the support member each comprise integral sheet metal forms.

11. The electromagnetic sealing structure of claim 10, wherein the support member is one of a plurality of spaced support members fencing around at least part of a volume to be shielded.

12. A method for electromagnetic shielding, comprising:

providing a standing support member elongated along at least a portion of a perimeter area to be shielded, the support member standing on a supporting base structure and having a flange spaced from the base structure and oriented laterally of the support member, at least part of the support member being electrically conductive;

engaging a conductive cover member on the support member so as to electrically and mechanically couple with the support member, the cover member having a side wall that overlaps the support member and a flange that is oriented laterally of the side wall and opposite from the flange on the support member;

wherein the flanges of support member and the side wall of the cover member are placed to bear against one another in a space between the support member and the side wall, and wherein said engaging comprises applying a force to snap the flanges over one another in assembling the cover member onto the support member.

13. The method of claim 12, further comprising resiliently deflecting at least one of the flanges laterally relative to the other of the flanges in snapping the flanges over one another.

14. The method of claim 13, wherein deflecting said at least one of the flanges includes flexing a weakened zone between the said one of the flanges and a respective one of the support member and the side wall.

15. The method of claim 12, wherein at least one of the support member and the side wall has at least one opening for receiving a tool to engage against one of the flanges in a space between the support member and the side wall as assembled together, and further comprising applying a tool through the opening to resiliently urge one of said flanges to disengage from the other of the flanges for disassembling the cover member and the support member from one another.

16. A shielded enclosure comprising:

at least one first shield part having a first wall member and at least one second shield part having a second wall member, the wall members defining a perimeter with a span, one of the first and second wall members having a shape protruding inwardly relative to the perimeter and the other of the first and second wall members having a shape protruding outwardly relative to the perimeter, wherein the protruding shapes of the first and second wall members interfere during assembly of the first and second shield parts and are resiliently deformed in passing one another, and wherein at least one of said shapes protruding inwardly and outwardly is defined by a substantially J-shaped flange.